#### FILE MYSATTOMS ·--ntered in NID File Checked by Chief cation Map Pinned Approval Letter ard Indexed Disapproval Letter completion DATA: Location Inspected Bond release. W... WW... TA.... 5 GW. OS... PA.... State or Fee Land Driller's Log. (No.) ..... E..... I..... Dual I Lat..... GR-M..... Micro.... BHC Sonic GR..... Lat..... MI-L.... Sonic.... CBLog...... CCLog..... Others.....

## SUBMIT IN TRIPLICATE\* (Other instructions on reverse side)

# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

	PL	L.		
5. Lease	Designation	and	Serial	No.

APPLICATION	FOR PERMIT	TO DRILL, DEEPEN	I, OR PLUG	BACK	6. If Indian, Allottee or Tribe Name
a. Type of Work	ι <del>χ</del> χ	DEEPEN		BACK [	7. Unit Agreement Name Champlin 372 Amoco B
Oil Ga Well W	ell 🗙 Other		Single D M	Multiple	8. Farm or Lease Name
Name of Operator  Amoco Produ	ction Company				9. Well No.
. Address of Operator	7675 Col+ Io	ke City, Utah 8411	7		10. Field and Pool, or Wildcat
		n accordance with any State re-		<del></del>	- Anschutz Ranch
At surface				W 17	11. Sec., T., R., M., or Blk. and Survey or Area
NW/4 NW/4 S At proposed prod. zone	Section 35, T4	N-R7E, 1133.2' FNI	ı, 11/9.4° E	WL	Sec. 35, T4N - R7E
4. Distance in miles and					12. County or Parrish 13. State
		outhwest of Evanst		17 No.	Summit Utah
<ol> <li>Distance from propose location to nearest property or lease line, (Also to nearest drlg.</li> </ol>	ft.	16. No. 6	of acres in lease		of acres assigned his well
18. Distance from propose to nearest well, drilling	ed location* g, completed,		osed depth		ary or cable tools Rotary to TD
or applied for, on this		<u>.</u>			22. Approx. date work will start*
	, , ,	7596' ungraded			·
3. T.		PROPOSED CASING AND C	EMENTING PROG	RAM	
Size of Hole	Size of Casing	Weight per Foot	Setting Depth		Quantity of Cement
12 1/4"	9 5/8"	32.3# H-40	1500'	Class	"G" W/CaCl, Circ to Sur
8 1/2"	7"	26# S-95 (80'	•	Class	"G" determine from logs
		23# K-55 (562	•		
		26# S-95 (550 26# K-55 (175	•		
	Propose to dev "See Attachmer	elop Twin Creek re	serves		THE PART OF THE PA
ductive zone. If proposa preventer program, if any 24.  Signed	al or State office use)	irectionally, give pertinent data	on subsurface locat	ervisor	resent productive zone and proposed new productive zone zone zone zone zone zone zone zon
Permit No		A	pproval Date		
Approved byConditions of approva	ıl, if any:	Title			Date

### Attachment to Form OGC-la Champlin 372 Amoco B #1

- 1. Geologic name of the surface formation: Wasatch
- 2. Estimated tops of geological markers:

Pruess Salt 5725' - 5800' Twin Creek 5835' Nuggett 7350'

3. Estimated depths anticipated to encounter water, oil, gas, or other mineral-bearing formations:

Water, 0il, and Gas anticipated at 5725', 5835', 7350'

- 4. Casing Program: See Form OGC-la
- Operators minimum specifications for pressure control equipment are explained on attached schematic diagram. Testing of such is to be performed daily and noted on the IADC Daily Drilling Report. After running surface casing and prior to drilling out, BOP and other pressure equipment will be tested to the full working pressure rating as shown on the attached diagram. Thereafter, the BOP will be checked daily for mechanical operations only and will be noted on the IADC Daily Drilling Report.
- 6. Mud Program:

0-1500 Native 8.3-8.5 #/Gal. 1500' - TD LSnd 8.5-9.0 #/Gal.

7. Auxiliary Equipment:

Kelly Cock: floor sub with a full opening valve. 3" choke manifold with remote control choke, 2500 PSI WP. Two man mud logger

8. Testing Program

No special tests are planned.

#### Logging Program

Linear DIL W/GR

Dual Laterolog

CNL-FDC W/GR-Caliper

Dipmeter

BHC Sonic W/GR-Caliper

GR

Surface Casing to TD (If mud is fresh)

Over zones of interest

5900' - TD

Surface Casing to TD

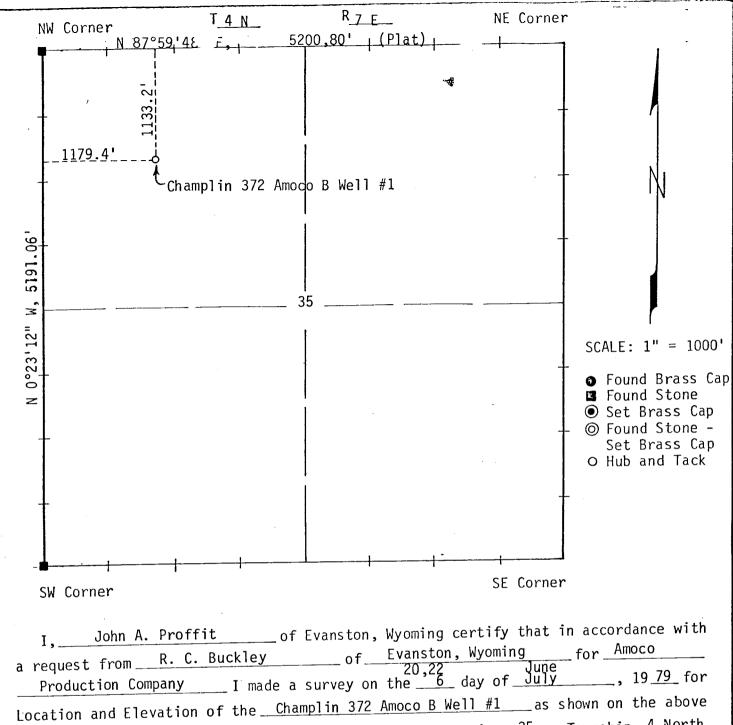
O - 2000'

#### Coring Program:

1-60'	Core of lower Watton Canyon member of Twin Creek
1-60	Core of Upper Rich member of Twin Creek
1-60'	Core of lower Leeds Creek member of Twin Creek
	(Core points to be specified)

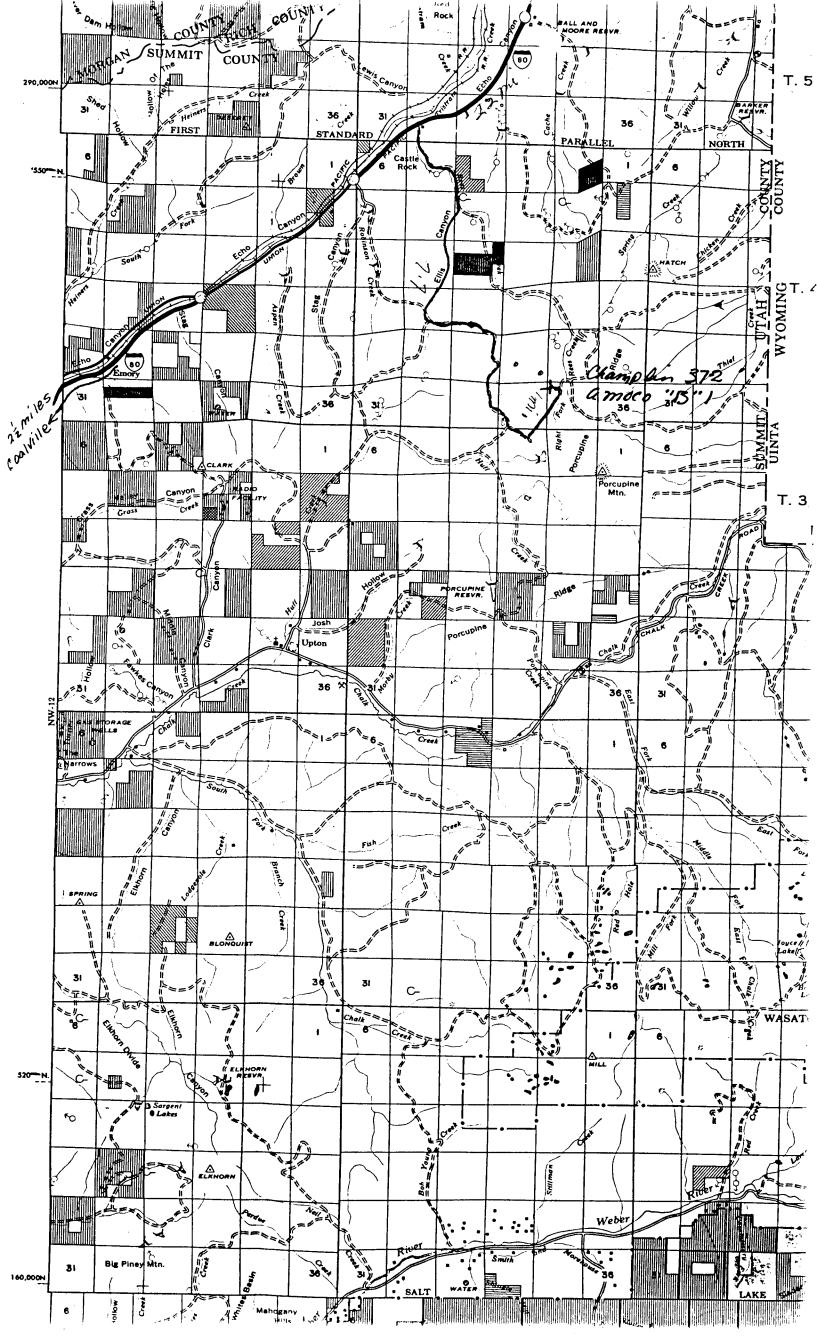
All cores to be cut with conventional core barrels equipped with orienting Shoe and PVC liner.

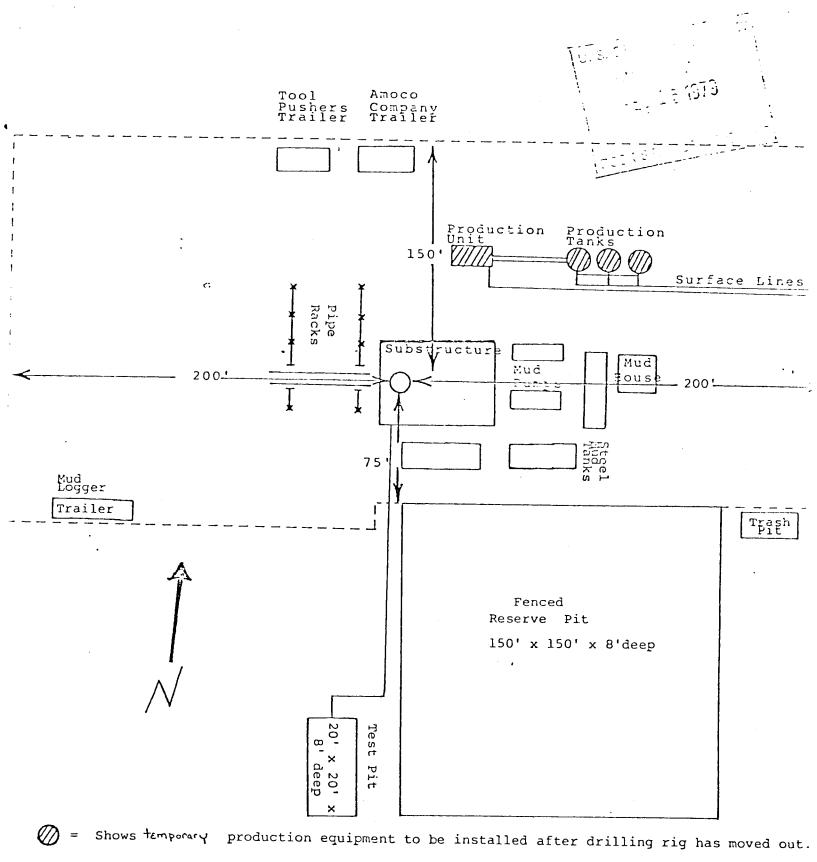
- 9. No abnormal pressure or temperature or potential hazards are anticipated. Anticipated bottom hole pressure 6300 PSI. Casing head 9 5/8" 5000# WP. Tubing head, 10" x 5000# x  $7\ 1/16$ "  $10,000\ \#$ WP
- 10. The anticipated starting date will be when approved. The duration of the operations will be approximately sixty days.



I. John A. Prottic of Evansion,	Wyolliting certify that in accordance
a request from R. C. Buckley of Production Company I made a survey on	Evanston, Wyoming for Amoco
a request from	20,22 June 10.79 for
Production Company I made a survey on	the $\underline{b}$ day of $\underline{u}\underline{u}\underline{y}$ , $\underline{19}\underline{75}$ for
Location and Elevation of the Champlin 372	Amoco B Well #1 as snown on the above
map, the wellsite is in the NW4 NW4	of Section 35 . Township 4 North
map, the wellsite is in the	() () () () () () () () () () () () ()
Range 7 East of the Salt Lake Base Meridian	n Summit County, State of Utan ,
Range 7 Last 01 the,	Snot Flavation 7722 in SW% SE%
Elevation is7596 Feetto top of hub	DatumSpot Lievacion //LZ in ont out
Sec. 34, T4N, R7E, U.S.G.S. Castle Rock qu	uadrangle map
Reference point N63°37'50"W, 250.00' Elev	v top of pin 7630.0'
Reference point N63 37 50 W, 250.00 Lie	7. 100 01 01
Reference point N63°37'50"W, 300.00'	7648.2
Reference point nos or or and nos	7480.8'
Reference point N26°22'10"E, 700.00'	7+00.0
Reference point N26°22'10"E, 900.00'	7466.7'
Reference Doint NZO ZZ TO E, 500.00	

DATE: July 9, 1979 JOB NO.: 79-10-43 UINTA ENGINEERING & SURVEYING, INC. 808 MAIN STREET, EVANSTON, WYOMING





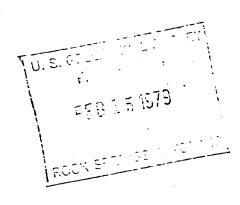
= Dotted lines indicated perimeter of leveled location.

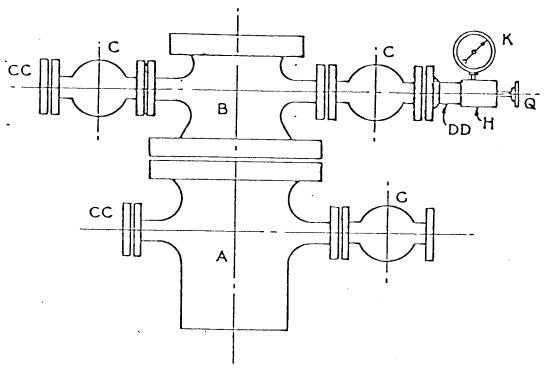
The fenced pit used for production will be covered if any fluid is present. The drilli and production pads will be constructed with doxers and graders using native material.

TYPICAL LOCATION LAYOUT AMOCO PRODUCTION COMPANY
P. O. Box 17675
SALT LAKE CITY, UTAL 84117

EXHIBIT "D"

R' ers to Specification No. W-8 Eilective Date: June 1, 1973



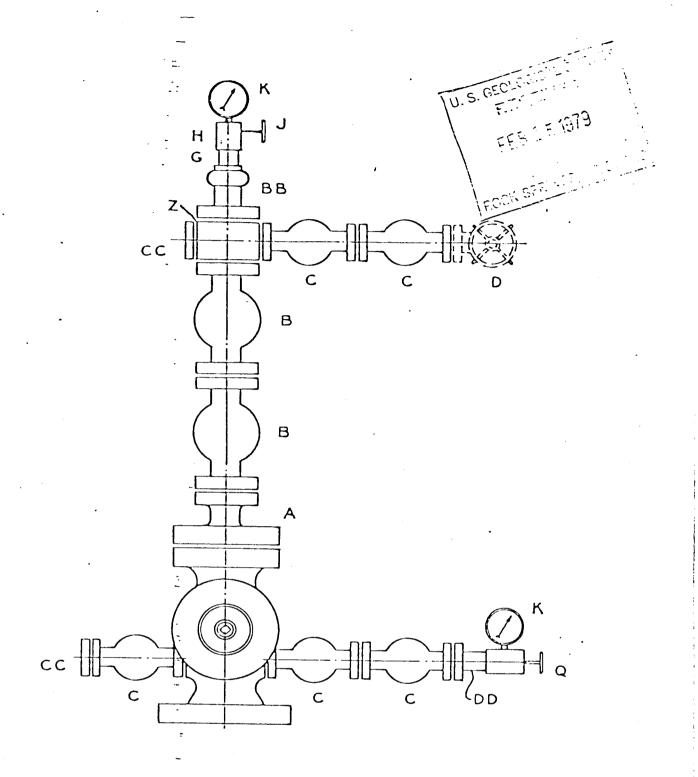


FOR 5,000# W. P. PRIMARY CASINGHEAD, AND 5,000# W.P. SECONDARY CASINGHEAD.

IF INTERMEDIATE STRING OF CASING NOT REQUIRED,
LOWER (PRIMARY) HEAD WILL BE ONLY CASINGHEAD USED.

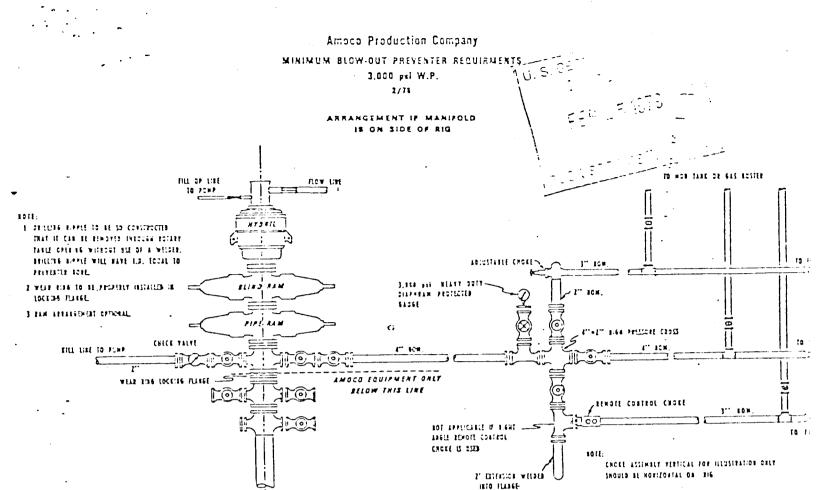
Among Draducti A	
	SCALE: HONE
STANDARD BASIC CASINGHEAD HOOK-UP	DR. MBB AP.
	DRG. A-8343
The state of the s	

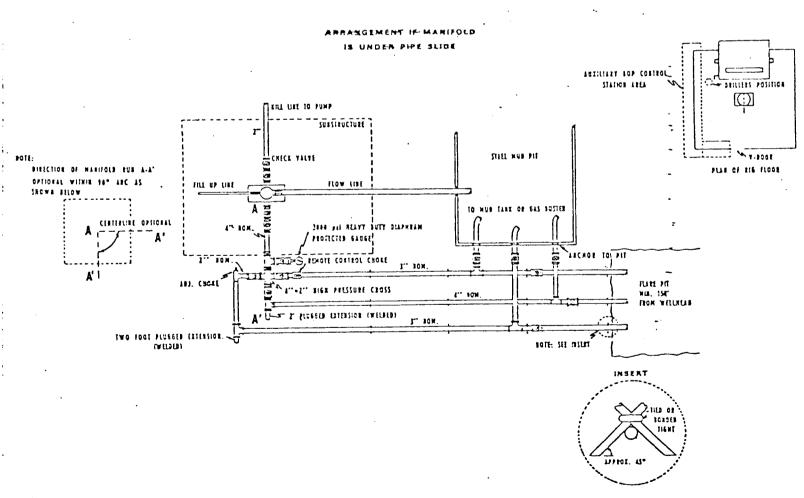
Rei s to Specification No. W-8 Effective Date: June 1, 1973



Amoco Production Company
STANDARD BASIC WELL HEAD HOOK-UP
10,000# W.P.

DRG. A-RORO





- NOTE:
  1 HOW-OUT PRINCIPES, ALL HITCHES AND PUR HEST
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30.79	<u></u>	2.68		
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94 92.39 2 72.39	17.33	1719	16.77	
18 7339 1634 7321.40	1	0.37	38.44	6.41
90 §8.27 19 7429 11 <sup>3</sup> /4 7409.89	17.5%	6.72	16.22	<del></del>
19 7429 113/4 17409.87	NGAM	1.30	45.16	22.63

STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

#3

#### \*\* FILE NOTATIONS \*\*

Date: 4 uly 16, 1979
Operator: amour Production Company
Well No: Champlin 372-amoro B#10
Location: Sec. 35 T. 4N R. 7E County: Aummit
File Prepared: // Entered on N.I.D.: //
Card Indexed: // Completion Sheet: //
VAPI Number: 43-043-30108
CHECKED BY:
Administrative Assistant:
Remarks:
Petroleum Engineer: M. a. Mender 8-10-79  Len Plane Conversation with Jenny Nel-7-30-79 well is located on standay;  Remarks: 320 ac. Spining, concurrence from FRANK MACITET (Champlin) 7-31-79
Director:
Remarks:
INCLUDE WITHIN APPROVAL LETTER:
Bond Required: // Survey Plat Required: //
Order No. 183-1 6/26/79 Surface Casing Change // to
Rule C-3(c), Topographic exception/company owns or controls acreage within a 660' radius of proposed site //
0.K. Rule C-3 // 0.K. In Unit
Other:
[

CHAMPLIN PETROLEUM CO AF 7901 EAST BELLEVUE ENGLEWOOD CO 80110



Copy with each well

4-052071 5212003 07/31/79 ICS IPMBNGZ CSP SLCA 2 3037790079 MGM TDBN ENGLEWOOD CO 07-31 0244P EST

CLEON FEIGHT, DIVISION OF OIL GAS AND MINING 1588 WEST NORTH TEMPLE SALT LAKE CITY UT 84116

THIS IS A CONFIRMATION COPY OF A PREVIOUSLY PHONE-DELIVERED TELEGRAM

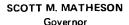
CHAMPLIN PETROLEUM COMPANY HAS NO OBJECTION TO THE STANDUP 320 ACRE ORIENTATION REQUESTED BY AMOCO FOR A GAS DRILLING UNIT IN SECTION 35 TOWNSHIP 4 NORTH RANGE 7 EAST ANSCHUTZ RANCH FIELD SUMMIT COUNTY U TAH.

FRANK D MCATEE, PRORATION AND JOINT VENTURE SUPERVISOR 7901 EAST BELLEVUE ENGLEWOOD CO 80110

1448 EST

MGMCOMP MGM







OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

## GORDON E. HARMSTON Executive Director, NATURAL RESOURCES

CLEON B. FEIGHT

Director

## STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING 1588 West North Temple Salt Lake City, Utah 84116 (801) 533-5771

August 10, 1979

Amoco Production Company PO Box 17675 S.L.C., UT 84117

Re: Champlin 372-Amoco B#1
Sec. 35, T. 4N., R. 7E.,
Summit County
Island Ranching B-#1
Sec. 22, T. 4N., R. 7E.,
Summit County
Island Ranching #2
Sec. 24, T. 4N., R. 7E.,
Summit County

Dear Sir:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 183-1 dated June 16, 1979.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Geological Engineer HOME: 876-3001 OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API numbers assigned to these wells are 43-043-30108, 43-043-30109, and 43-043-30110 in succession.

Sincerely,

DIVISION OF OIL, GAS AND MINING

MICHAEL T. MINDER GEOLOGICAL ENGINEER

## ST E OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OU. GAS AND MINING

SUBMIT IN T	RIPLICATE*
(Other	ictions on
revision	side)

DIVI	SION OF OIL, GAS, AND M	INING	5. LEASE DESIGNATION AND SERIAL NO.
	•		FEE
	OTICES AND REPORTS  posals to drill or to deepen or plug (CATION FOR PERMIT—" for such 1		6. IF INDIAN, ALLOTTEB OR TRIBE NAME
OIL GAS	<u></u>		7. UNIT AGREEMENT NAME
WELL WELL KM OTHER			S. FARM OR LEASE NAME
NAME OF OPERATOR			Champlin 372 Amoco B
Amoco Production Comp	any		9. WELL NO.
•	Taka City Utah 8/11	7	1
LOCATION OF WELL (Report location	Lake City, Utah 8411	y State requirements.*	10. FIELD AND POOL, OR WILDCAT
See also space 17 below.) At surface	•		Anschutz Ranch
			11. SEC., T., B., M., OR BLE. AND
NW/4 NW/4 Section 35,	T4N-R7E, 1133.2' FNI	., 1179.4' FWL	SURVEY OR ARMA
, ·, ·	•		Section 35, T4N-R7E
4. PERMIT NO.	15. BLEVATIONS (Show whether p	F, RT, GR, etc.)	12. COUNTY OR PARISH 18. STATE
	7546' ur	ngraded	Summit Utah
6. Check	Appropriate Box To Indicate I	Nature of Notice, Report, o	r Other Data
NOTICE OF INT	••		SEQUENT REPORT OF:
	[]		
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING ABANDONMENT®
SHOOT OR ACIDIZE	ABANDON* CHANGE PLANS	8HOUTING OR ACIDIZING (Other)	
REPAIR WELL (Other)	XX	(NOTE: Report res	ults of multiple completion on Well ompletion Report and Log form.)
Per telephone request Propose to designate	t from Minder to Webb stand up section.	July 30, 1979:	
(	APPROVED BY THE DIV OFL, GAS, AND MINING DATE:	€	
	DATE: Drightler	- N-Jan-y St	
18. I hereby certify that ich est Star D. S. DAVII		strict Admin. Super	visor DATE August 1, 197
(This space for Federal or State	office use)		
			TO A MYST
APPROVED BY			DATE



2400 ANACONDA TOWER 555 SEVENTEENTH STREET DENVER, COLORADO 80202 TELEPHONE 303-825-6100 TWX 910-931-2620

Amoco Production Company Security Life Building Denver, Colorado 80202 November 7, 1979



Re: Champlin 372 B-1
NW 4 Sec 35 4N 7E
Summit County, Utah
Anschutz Ranch Field

Attention: Mr. A. M. Roney

Gentlemen:

We note that Amoco Production Company has just recently completed drilling operations on the above-referenced Twin Creek development well in the Anschutz Ranch Field and are in the process of commencing completion operations.

We also understand that during drilling operations the subject well was intentionally deviated from the Vertical.

Pursuant to Rule C-8(h) of the General Rules and Regulations, Division of Oil, Gas and Mining of the State of Utah and a recent order issued by the Utah Board of Oil, Gas and Mining governing Twin Creek gas well spacing and setback provisions in the Anschutz Ranch Field, we are hereby requesting a copy of the directional survey log run in the subject well. If a directional log has not been obtained, we request that one be run to verify that the subject well is in compliance with the Anschutz Ranch Field rules and setback provisions. Your prompt reply will be appreciated.

Yours very truly,

Wayne C. Pierce Production Manager

WCP:amc

CC: JDH, CDW, JDB Field File

Cleon B. Feight, Director Division of Oil, Gas and Mining State of Utah

#### DIVISION OF OIL, GAS AND MINING

## PLUGGING PROGRAM (Plus back)

NAME OF COMPANY: Amoco Pri	oduction Com	npany (Lynn G	Gardner)
WELL NAME: Champlin 372 -			
SECTION 35 NW NW TOWNSHIP_	4N R	ANGE <u>7E</u> C	OUNTY_Summit
VERBAL APPROVAL GIVEN TO PLUG MANNER:	THE ABOVE	REFERRED TO WELL	IN THE FOLLOWING
TOTAL DEPTH: 8386'			
CASING PROGRAM:  9 5/8" @ 1453'  7" @ 8231'  Will be test Slide Rock	ing the MEMBER	FOR ATION TOP Nugget Gypsum Spring Slide Rock Rich Boundry Ridge Watton Creek	8316' 8 8217' 8142' 7843' 7790'
PLUGS SET AS FOLLOWS: cement behind casing from 823	31' - 6180'	Leeds Crek Geroff Creek	
CIBP 8210 with 10 sx PBT 8365 (formation fill)			

DATE November 21, 1979

SIGNED Odginal Signed By M. T

Hoverber 26, 1979

Amoco Production Company Security Life Building Denver, Colorado 80202

> Ref Well No. Champlin 372-Amoco B #1 Sec. 35, T. (N, R. 7E., Summit County, Wair

Attention: Mr. A.M. Roney

Gentlemen:

This letter is in regards to a letter dated November 1, 1979, from Anschutz Corporation sent to Mr. A.M. Roney requesting information on the above referenced well.

In as much as Anschutz alleges that this well was intentionally deviated from the permitted location, this agency requests information either confirming or refuting the allegation.

If this well has been intentionally deviated from vertical, this Division needs to obtain a copy of the directional survey log along with an explanation of why deviation was necessary and why permission was not requested prior to the taking of this action.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder Geological Engineer

MTM/b.tm

cc

·*- "					(,(, =
Facsimile Transmission		Addressee's Telecopier Phone		0ate 11-26-79	Page
4				11-26-79	
To: Name	Company		Location		Mail Code/Room
W. M. Jones		Amoco	Salt	t Lake City	
From: Name	Company		Location		Mail Code/Room
G. J. Ross		Amoco	Den	ver `	

#### PLEASE DELIIVER IMMEDIATELY UPON RECEIPT

File: JLK-686-WF

/Champlin 372-B#1/ Anschutz Ranch

Transmitted To Addressee

Due to water production of 200 BWPD with only a trace of hydrocarbons proceed to abandon the Nugget interval in subject well with ClBP. Perforate the following intervals (2SPF). Swab Test zones naturally after perforating. Acid stimulate as necessary using 150-200 gallons of 15% acid per perforated foot. Stage with rock salt and gelled water for diversion.

Perforated intervals. (CNL-FDC Depths)

8140-8162, 8166-72, 8176-80. Sliderock

7935-40, 7948-60, 7972-82, 7990-8000, 8010-20, ¥. Rich 8036-46, 8068-72.

7846-52, 7856-70, 7881-85. Rich

Watton Canyon 7656-66, 7672-80, 7694-7704, 7708-18, 7728-36, 7750-56.

Watton Canyon 7542-7554, 7560-7566, 7570-7584, 7590-7602.

Watton Canyon 7394-7400, 7452-7458, 7480-7490, 7492-7498.

7190-7200, 7216-7222, 7238-47, 7275-90. Leeds Creek

Report results to Division for each interval before moving up to next zone.

G. J. Ross
Denver
/ 11-26-79



A. M. Roney Division Production Manager

#### **Amoco Production Company**

Denver Region Security Life Building Denver, Colorado 80202 Western Division 303 - 820-4040

January 16, 1980

Michael T. Minder Geological Engineer Division of Oil, Gas and Mining 1588 West North Temple Salt Lake City, Utah 84116

File: JLK-491-744/980.3

Dear Sir:



#### Bottomhole Location Camplin 372 B-1

This letter is in reply to your request of November 26, 1979, concerning compliance of Champlin 372 Amoco B#1, Sec. 35, T4N-R7E Summit County Utah with Anschutz Ranch Field setback provisions. The location of the subject well is shown on Exhibit 1. The objective horizon, the Twin Creek, is at a depth of 6666' (+916') to 8315' (-628'). As shown by the map the well is near a northeast-southwest fault. An objective in drilling the well was to remain on the west side of the fault since Anschutz Ranch 3-2 located in Section 3 produced only 1.4 MMCFD from the east side of the fault. Exhibit 2 shows the calculated results of the directional surveys provided by DIG. The hole was drilled with no intentional deviation to a depth of 6407'. At this point the bottom hole location had drifted 76' east and 48' This indicated that the well was drifting naturally towards the fault and could possibly cross the fault. Since the well was within 250' of the Twin Creek horizon, immediate action was necessary to correct this drift. On September 12, 1979, a dyna-drill was used to correct the The hole was dyna-drilled to a depth of 6629' when rotary drilling resumed (9-15-79). The well was then drilled to a total depth of 8365' (50' into the Nugget Sandstone).

As shown by Exhibit 2 at a depth of 8206' the bottom hole location was 207.62' west and 105.01'north of the surface location. Exhibit 3 is a plat of the surface location

Michael T. Minder Page 2 January 16, 1980

(1133.2' FNL, 1179.4' FWL of Section 35). On July 26, 1979, the Board of Oil, Gas and Mining ruled in Cause No. 183-1, Order #2, "that each future well should be located in such a manner that, at the Twin Creek producing intervals, the well should be no closer than 990' from the boundary of the NW/4. At 8206' the hole is (1133.2-105.01)=1028.19' FNL and (1179.4'-207.62')=971.78' FWL. Thus if the well were produced at 8206' it would be 18.22' too close to the west line.

Exhibit 4 outlines Amoco's completion procedure for the subject well. As of January 16, 1980, perforated intervals 1, 2 and 3 have been abandoned. All depths less than 7951' will be within the producing interval guidelines of 990' setback. The gross Watton Canyon interval 7656-7756 was tested for 9.6 MMCFD.

Therefore Amoco will not be in violation of the 990' setback ruling. We hope that the information provided will satisfy both Anschutz Corporation and the Division of Oil, Gas and Mining.

Sincerely,

SPT/mrw

Anschutz Corporation

GI263

cc:

#### CHEMICAL & GEOLOGICAL LABORATORIES

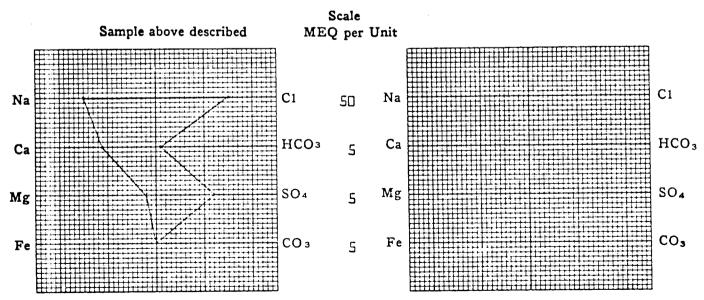


P. O. Box 2794 Casper, Wyoming

#### WATER ANALYSIS REPORT

OPERATOR Amoco Production Co- WELL NO Champlin 372; Amoco B-1 FIELD COUNTY STATE	DATE December 7, 1979 LAB NO. 32775-1 LOCATION FORMATION INTERVAL			
REMARKS & CONCLUSIONS:				
Cations         mg/1         meq/1           Sodium         -         -         15229         705.98           Potassium         -         -         336         6.60	Anions mg/1  Sulfate 3050  Chloride 25400	<u>m•q/1</u> 63.44 716.28_		
Lithium	Carbonate	6.45		
Total Cations 786-17	Total Anions	786.17		
Total dissolved solids, mg/1 44.535  NaC1 equivalent, mg/1 45.5  Observed pH	Specific resistance @ 68°F.:  Observed   Calculated			

#### WATER ANALYSIS PATTERN



(Na value in above graphs includes Na, K, and Li)
NOTE: Mg/1=Milligrams per liter Meq/1= Milligram equivalents per liter
Sodium chloride equivalent=by Dunlap & Hawthorne calculation from components

#### January 28, 1980

The Anschutz Corporation 555 17th Street, Suite 2400 Denver, Colorado 80202

Re: Bottom Hole Location of Well No. Champlin 372-Amoco B #1 Sec. 35, T. 4N, R. 7E., Summit County, Utah

Attention: Mr. Wayne C. Pierce Production Manager

#### Gentlemen:

On January 24, 1980, we received a letter from Mr. A.M. Roney, Division Production Manager of Amoco Production Company, in which he responded to our inquiryitito the intentional deviation of the above referenced well. Although his letter indicated that a copy was sent to y your company, I am including another copy of his letter along with copies of the DIG Coordinate Sheets that were furnished this Division.

After you have read the explanation and studied the data, please notify the Division as soon as possible, one way or the other if you find any difficulty or if you feel that the problem has been resolved.

Thank you very much for your time, and please feel free to contact me if you have any further questions.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder Geological Engineer

MTM/b.tm

ROLEUM ANALYTICAL LABORATORY SERVICE

P.O. BOX 152 \* 24 HOUR PHONE 307/26/ 1616 ASPER, WYOMING 82602

AIR MONITORING COMPLETE GAS SERVICE CONSULTING CHEMISTS POLLUTION CONTROL WATER ANALYSIS

SAMPLE NO. . . 1977

DATE RUN: 1/22/80

A SAMPLE OF: WATER FROM CHAMPLIN 372 AMOCO #1 ALL PERFS

SAMPLE FROM: AMOCO PRODUCTION CO. 1/14/80

AT:.... SECURED BY:.......

SAMPLING CONDITIONS:.... PRESS:.... TEMP:.... TIME:.... DATE:....

#### WATER ANALYSIS

OTHER PROPERTIES DISSOLVED SOLIDS

MG/L ME/L CATIONS RESISTIVITY(OHM-METERS), 77 F . 039

64720, 62 2815, 35 SODIUM-NA POTASSIUM-K 6200 158, 72 CALCIUM-CA 14396 718, 36 117 96 1435 MAGNESIUM-MG Ø BARIUM-BA Ø 3810, 38

86751, 62 TOTAL CATIONS

**ANIONS** 

3778.8 134000 CHLORIDE-CL 30, 78 1480 SULFATE-SO4 Ø CARBONATE-CO3 8 BICARBONATE-HC03 48.8 . 8 3810, 38 135528.8 TOTAL ANIONS

TOTAL DISSOLVED SOLIDS(CALC.)

REMARKS AND RECOMMENDATIONS:

222280, 42

IRON-FE (TOTAL) 0 SULFIDE AS H2S 0

FEB 0 6 1980

DIVISION OF OIL, GAS & MINING

WATER PATTERNS--ME/L LOGARITHMIC 1000 10000 10 100 19999 1999 100 10 1 1 ! ! --CL -NA -504-K -003 -CA -HC03 -MG-BA 10 100 1000 10000 1 100 10 10000 1000

COPIES TO:

ANALYSIS BY: E.M. Hauch

H DIVISION OF MPC, INC.

PETROLEUM ANALYTICAL LABORATORY
P. 0. BOX 52 \* 24 HOUR PHONE 307/26 .616 SERVICE

CASPER, WYOMING 82602

AIR MONITORING COMPLETE GAS SERVICE CONSULTING CHEMISTS POLLUTION CONTROL WATER ANALYSIS

SAMPLE NO. . . 1974

DATE RUN: 1/22/80

WATER FROM AMOCO PRODUCTION CO. 1/3/80 A SAMPLE OF:

SAMPLE FROM: CHAMPLIN 372 AMOCO 13-#1 FLOWLINE PERFS 7542-7602

AT:.... SECURED BY:................. SECURED BY:............

SAMPLING CONDITIONS:..... PRESS:..... TEMP:.... TIME:.... DATE:.....

#### WATER ANALYSIS

DISSOLVED SOLIDS

OTHER PROPERTIES

CATIONS MG/L MEZL FΗ 4. 5 RESISTIVITY(OHM-METERS), 77 F .046 SODIUM-NA 62427, 69 2715.6

POTASSIUM-K 4000 102.4 1424, 94 28556 CALCIUM-CA MAGNESIUM-MG 1435 117, 96 BARIUM-BA 8

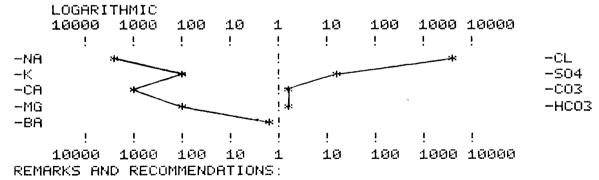
4360.91 TOTAL CATIONS 96418.69

ANIONS

CHLORIDE+CL 154000 4342.8 17. 31 SULFATE-SO4 832 CARBONATE-CO3 9 Ø 48. 8 . 8 BICARBONATE-HC03 TOTAL ANIONS 154880.8 4360, 91

IRON-FE (TOTAL) 0 TOTAL DISSOLVED SOLIDS(CALC.) SULFIDE AS H2S 0 251299, 49

WATER PATTERNS--ME/L



COPIES TO:

Roy Thornok & Dave Blosser ANALYSIS BY: EM. Land

SCOTT M. MATHESON Governor

GORDON E. HARMSTON Executive Director,

NATURAL RESOURCES

CLEON B. FEIGHT

Director

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON

Chairman

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING 1588 West North Temple Salt Lake City, Utah 84116 (801) 533-5771

February 28, 1980

JOHN L. BELL C. RAY JUVELIN THADIS W. BOX CONSTANCE K. LUNDBERG EDWARD T, BECK E. STEELE McINTYRE

Amoco Production Co. P.O. Box 17675 Salt Lake City, 84117

Re: See enclosed sheet for wells

#### Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

JANICE TABISH CLERK TYPIST

- (1) Well No.Cottonwood Can. Unit well no. 1 Sec. 7, T. 9S, R. 6E. Utah County, Utah December 1979-February 1980
- (2) Well No. Island Ranching B-#1 Sec. 22, T. 4N, R. 7E Summit County, Utah December 1979-February 1980
- (3) Well No. Champlin 846-Amoco Al Sec. 25, T. 5N, R. 7E. Summit County, Utah December 1979-February 1980
- (4) Well No. Champlin 239 Amoco Bl Sec. 1, T. 2N, R. 7E. Summit County, Utah December 1979-February 1980
- (5) Well No. Champlin 225 B #1 Sec. 29, T. 3N, R. 6E. Summit County, Utah January-February 1980
- (6) Well Now Champlin 372 Amoco B 1

  Summit County, Utah

  January-February 1980

March 24, 1980

Ampco Production Co. P.O. Box 17675 Salt Lake City, Utah 84117

> Re: Well No. Champlin 372-Amoco B1 Sec. 35, T. 4N, R. 7E. Summit County, Utah

#### Gentlemen:

According to a notice dated 11-21-79, the above mentioned well was plugged. This letter is to advise you that the Well Completion or Recompletion Report and Log has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

JANICE TABISH CLERK-TYPIST

#### ATTACHMENT "A" TO FORM OGC-3

#### Champlin 372 Amoco "B" 1

Item #31: Perforation Record:	8140' - 8162' 8166' - 8172' 8178' - 8180' 8078' - 8082' 8036' - 8046' 8010' - 8020'	7656' - 7676' 7590' - 7602' 7570' - 7684' 7560' - 7566' 7542' - 7555' 7492' - 7498'
All Perforations w/2Jet Shots per Foot	7990' - 8000' 7972' - 7982' 7948' - 7960' 7935' - 7940' 7881' - 7885' 7856' - 7870' 7846' - 7852' 7750' - 7756' 7728' - 7728' 7694' - 7704' 7672' - 7680'	7480' - 7490' 7452' - 7458' 7396' - 7400' 7275' - 7290' 7238' - 7247' 7216' - 7222' 7190' - 7200'

#### Item #32: Stimulation Record:

Interval:	Amount and Kind of Material Used:
8140' - 8180'	acidized w/4500 gal. 15% HCL
7935' - 8072'	acidized w/6100 gal. 15% HCL
7846' - 7885'	acidized w/3600 gal. 15% HCL
7656' - 7754'	acidized w/7800 gal. 15% HCL
7540' - 7602'	acidized w/6600 gal. 15% HCL
7190' - 7498'	acidized w/7200 gal. 15% HCL

## STATE OF JTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

	DIVISION O	F OIL, GAS, A	ND MINING			5. LEASE D	DESIGNATION AND SERIAL NO
						j I	Fee
WELL CO	<b>OMPLETIO</b>	OR RECO	MPLETION	REPORT A	AND LOG	* 6. IF INDIA	N, ALLOTTEE OR TRIBE NAM
1a. TYPE OF WE		IL GAS WELL	XX DRY	Other		7. UNIT AG	REEMENT NAME
b. TYPE OF CO							
WELL XX		N PLUG N BACK	DIFF. RESVR.	Other		S. FARM OR	LEASE NAME
2. NAME OF OPERA						Champli	in 372 Amoco ''B''
3. ADDRESS OF OP		PRODUCTION	N COMPANY			9. WELL NO	
		D. 17/75	0.1. 7.1	O	0/117		#1
4. LOCATION OF W	P.U.	DOX 1/0/3	Salt Lake	City, UI	8411/		AND POOL, OR WILDCAT
A A				_			chutz Ranch
At top prod. in	133.2' FNL	∡ & 1179.4' below	FWL NW I			OR ARE	
						Sec. 35	5, T4N, R7E SLBY
At total depth							
			14. PERMIT NO		ATE ISSUED	12. COUNTY PARISH	OR 13. STATE
15. DATE SPUDDED	16. DATE T.D.	REACHED   17. DA	43-043-30		8/10/79	Summit	Utah 19. ELEV. CASINGHEAD
8/12/79	10/21/	i		18.		RKB, RT, GR, ETC.)*	13. ELEV. CASINGREAD
20. TOTAL DEPTH, MD	10/21/ • 4 TVD   21. PI	LUG, BACK T.D., MD 4	/13/80 • TVD   22. IF MU	LTIPLE COMPL.,	7596' GR		OLS CABLE TOOLS
8380'		7830 <b>'</b>	How N	MANY*	DRILL	► Surf	- חדי
24. PRODUCING INTE	CRVAL(S), OF THI	S COMPLETION-TO	P, BOTTOM, NAME (	MD AND TVD)*		· Darr.	25. WAS DIRECTIONAL SURVEY MADE
7192'	- 7756'	Twin Creek	ζ				Yes
26. TYPE ELECTRIC	AND OTHER LOGS	BUN					07 710 7111 90000
DLL FDC			77-1	١			27. WAS WELL CORED
28 FIC.	CIVL, CDL-		Velocity S		set in spell)		No No
CASING SIZE	WEIGHT, LB			LE SIZE		NTING RECORD	AMOUNT PULLED
9 5/8''	32.3#	1494	+' 12	2 1/4''	1090 sx		
7''	23#-26#	8230	)' 8	3/4"	550 sx		
13 3/8"	cond	uctor pipe	20'				
29.		LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30.	TUBING REC	
None			SACING CEMENT	SCREEN (MD)	2 7/8"	8144'	PACKER SET (MD) 8144'
					2 7/0	0144	
31. PERFORATION RE	CORD (Interval,	size and number)		32.	ACID, SHOT, F	RACTURE, CEMEN	T SQUEEZE, ETC.
				DEPTH INTE			ND OF MATERIAL USED
See	Attachment	t ''A''		See	Attachment	''A''	
33.*			PRO	DUCTION			
ATE FIRST PRODUCT	TION PROI	DUCTION METHOD (	Flowing, gas lift, p	umping—size ar	id type of pump		STATUS (Producing or
				cond XXII.—Bál.		844	st-in) SIGW
2-1-80	HOURS TESTED		PROD'N. FOR TEST PERIOD	1	GAS-MCF.	WATER-BBI	L. GAS-OIL RATIO
LOW. TUBING PRESS.	12   CASING PRESSU	38/64  RE   CALCULATED	OIL—BBL.	200		<b>शिक्ष दिला</b>	27_980:1_
1000		24-HOUR RAT	TE	GASM	1375 ł		LODE STATE (CORR.)
4. DISPOSITION OF	SAS (Sold, used for	r fuel, vented, etc.	)		1373	ARDW DND	SEDAN
t	to be sold					APR 03	1980
5. LIST OF ATTACH		***	-				
A I haveh	ttachment	''A''			·	DIVISIO	NOF
36. I hereby certify	that the rovego:	ing and attached i	nrormation is comp	lete and correct	t as determined	from Oli.,a GAST&r	MMING
SIGNED 5	すなか	acret	TITLE _	Dist. Adm	in. Superv	visor DATE	3/28/80

# INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on Items 22 and 33, below regarding separate reports for separate completions.

If not filed sprior to this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Consult local State | If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. or Federal office for specific instructions.

Hem 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Hems 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 24 show the producting interval, to interval, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, form additional additional interval to be separately produced, showing the additional such interval. Sack: Cement: Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Hem 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

	1		
	P	TRUB VERT. DEPTH	
GEOLOGIC MARKERS	TOP	MEAS. DEPTH	6620' 6924' 7392' 7843' 8138' 8212' 8312'
38. GEOLOG	7	AAMA	Giraffe Creek Leeds Creek Watton Canyon Rich Sliderock Gyp Springs Nugget
; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING G AND SHUT-IN PRESBURES, AND RECOVERIES	DESCRIPTION, CONTENTS, ETC.		
37. SUMMARY OF POROUS ZONES: 8HOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED IN DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHI	BOTTOM		
ES: ES OF POROSIT! USHION USED,			ti S
OROUS ZON PORTANT ZON,	TOP		Stem Tes
37. SUMMARY OF P SHOW ALL IM DEPTH INTERN	FORMATION		No Cores

October 7, 1980

Amoco Production Company P.O. Box 17675 Salt Lake City, Utah 84117

RE: Well No. Champlin 372 - Amoco B#1 Sec. 35, T. 4N, R. 7E., Summit County, Stah

#### Gentlemen:

According to our records, a "Well Completion Report" filed with this office March 28k 1980, from above referred to well indicates the following electric logs were run: DLL, FDC, CNL, CBL-VDL-CCL-GR, Velocity Survey. As of todays date this office has not received the Dual Laterolog.

Rule C-5, Ceneral Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

and the second

BARBARA HILL CLERK TYPIST

/oih

Enclosures: Forms

DIVISION OF OIL GAS AND MINING 5. Lease Cesignation and Senal Number: 8. If Indian, Allottee or Tribe Name: SUNDRY NOTICES AND REPORTS ON WELLS 7. Unit Agreement Name: Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals. 8. Weil Name and Number roe of Well: OIL [ GAS 🟋 OTHER: Champlin 372 Amoco "B" #1 same of Operator: 9. API Well Number: Amoco Production Company 43-043-30108 dress and Telephone Number. Box 800, Denver, CO 10. Field and Pool, or Wildcat: Room 1725E 80202 Anschutz Ranch ..∞ation of Weil 1133.2' FNL x 1179.4' FWL Summit ::ctages: Sec 35 T4N-R7E Utah 10, Sec.,T.,R.,M.: State: CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA NOTICE OF INTENT SUBSEQUENT REPORT (Submit in Duplicate) (Submit Original Form Only) X 4 bandonment ☐ Abandonment ☐ New Construction Casing Repair Casing Repair ☐ Pull or Alter Casing Pull or Alter Casing Change of Plans ☐ Recompletion Change of Plans ☐ Shoot or Acidize Conversion to Injection ☐ Shoot or Acidize ☐ Conversion to Injection ☐ Vent or Flare Fracture Treat ☐ Vent or Flare ☐ Fracture Treat ☐ Other Jultiple Completion Ther Date of work completion Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. proximate date work will start Must be accompanied by a cement verification report. SCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true coal depths for all markers and zones pertinent to this work.) Please see attached Plug and Abandon Procedures. If you need additional information you may contact Gigi Martinez (303) -830-4781. Permitting Agent The interval between plags shall be filled with noncorrosive fluid. THE STAG

DIV. OF OIL, GAS & MINING

39/22/97B

Plug and Abandon Procedure Champlin 372B-1 NW Sec 35, T4N, R7E 1133.2' FNL and 1179.4' FWL Summit County, Utah

- 1) MIRU service rig
- 2) Kill well if necessary Twin Creek
- 3) Establish Injection rate down 2 7/8" tubing still anchored in packer at 7053'
- 4) Pump cement down tubing to squeeze off the perfs back into the tubing above the packer. Cement volume for squeeze is figured using 1/8 Bbl per perfed foot plus the casing volume. Total volume for the squeeze will be 218 sxs includes perfs and casing volume.

Class G cement + .8% B14 fluid loss + .1%

B71 retarder + .2% D65 dispersant + .2% D46 anti foamer.

- 5) Cut tubing above cement and pull up tubing to spot cement plug on top of packer
- 6) Pump 50 sxs cement on top of packer, displace tubing. TOH w/tubing
  - a) 50 sxs cement from 7053' 6803' (250' plug)

Cement system for (3) 50 sx plugs - Class G cement + .1% B71 retarder on the first plug +.2% D65 on the first plug + 2% S1 CaCl2 on the top plug. No additives will be set in the second plug.

- 7) TIH with CIBP and set at 1553'. (100' below setting point of surface casing)
- 8) Pump 50 sxs cement on top of CIBP, displace tubing, TOH.
  - b) 50 sxs cement from 1553' 1303' (250' plug)
- 9) TIH setting final cement plug by pumping 50 sxs cement from 254' 4', displace tubing. TOH with tubing.
  - c) 50 sxs cement from 254' 4' (250' plug)
- 10) Fill any annular void with cement
- 11) RDMO service rig
- 12) Cut casing 4' below ground level, weld on dry hole marker and cap.
- 13) Back fill cellar and level location.



SUBJECT: CHAMPLIN 372 B-1

AUGGET O

### **Amoco Production Company**

ENGINEERING CHART

SHEET NO.	3	OF	3
-----------	---	----	---

FILE	

DATE 8/24/82

-SEC. 35, T.4N., R. 7E., SUMMIT COUNTY, UT G.L. = 7400' KB . 7421' 95/8 32.3 #/5+ H-40 50 1453' OTIS X' NIPPLE @7013'- 2.3131.0 TWIN CREEK® BAKER R-3 PACKER ( 7053' 4620 7192-7202, 7218-7224, 7240-7249, 27/81 6.54/54 7276-7291 7396-7402,7453-7459 T-55 748 - 749 1, 7493 - 7499 7542 - 7554, 7560-7566, 7570-7584, 7590-7602 7" 26#/A K-55 30 75251 CIBP @ 7830' \* 7846- 7852, 7854-7870, 7881-788S CIBP @ 7920' 7972-7982, 7990-8000, 8010-8020 8036- 8046 BC68- 807Z 2JEPF CIBP @ BILO · 8140 - 8162, 8166 - B172 8176-8180 @ 235PF CIBP & BZID 7" 23#/4, 5-95 50 8231'

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

· · · · · · · · · · · · · · · · · · ·	5. Lease Cesignation and Senal Number: $FEE$
SUNDRY NOTICES AND REPORT	RTS ON WELLS  8. If Indian, Allottee or Tribe Name:
Do not use this form for proposals to drill new wells, deepen existing wells, on Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN	or to reenter plugged and abandoned wells.  7. Unit Agreement Name:
ge of Well: OIL ☐ GAS ☑ OTHER:	8. Well Name and Number:
one of Operator:	Champlin 372 Amoco <sup>13</sup> B <sup>11</sup> #
Amoco Production Company	43-043-30108
ddress and Telephone Number, Box 800, Denver, CO 80202	Rm. 1725E  10. Field and Pool, or Wildcat  Anschutz Ranch
1133.2' FNL x 1179.4' FWL	
Sec 35 T4N-R7E	County: Summit
OUTON ADDROGRAM	State: Utah
CHECK APPROPRIATE BOXES TO INDICA	ATE NATURE OF NOTICE, REPORT, OR OTHER DATA
NOT!CE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
bandonment New Construction	☐ Abandonment
asing Repair	☐ Casing Repair ☐ Pull or Alter Casing
hange of Plans	☐ Change of Plans ☐ Shoot or Acidize
	☐ Conversion to Injection ☐ Vent or Flare
Cubical Country	☐ Fracture Treat ☐ Water Shut-Off
ther	☐ Other
oximate date work will start	Date of work completion
Oximate date work will start	Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
	Must be accompanied by a cement verification report.
Amoco Production Company proposes the Attached is the updated change production arised with the application. Verbal Discussed by Craig Knight, Amoco	cedure to the original, due to problems that
Signature: D. D. Martin,	Powerithting April 10/00/07
Signature: S. S. T. WHW	Title: Permitting Agent Cate: 10/23/97
se for State use only)  10/28/97  Other Estate (See Instru	ictions on Peverse Side)
/	DIV. OF OIL, GAS & MINING

Plug and Abandon Procedure Champlin 372B-1 NW Sec 35, T4N, R7E 1133.2' FNL and 1179.4' FWL Summit County, Utah

- 1)Test anchors, if needed put new ones in
- 2) MIRU service rig
- 3) Kill well if necessary, fill tbg and csg
- 4)ND tree, NU BOPS or hydrill, (check well head size)
- 5) Unset packer, packer at 7053', R-3, TOOH 1 jt 2 7/8 tbg
- 6) Leave packer 7022 (NOTE: Tight spot 5160, R-3 will not come through.
- 7)Rig up E-line and run in w/jet cutter, cut at 5134' (set down at 5156') Leave R-3 and 1888' 2 7/8 tbg on bottom.

8)TOOH

- 9)TIH with cement retainer, setting tool, and stinger and set at 5026'.
- 10) Pump cement down tubing to squeeze off perfs, if no pressure, sting out with 2 bbls of slurry left in tbg. Reverse out.
  - Cement volume for squeeze is figured using 1/8 Bbl per perfed foot plus the casing volume. Total volume for the squeeze will be 525 sxs-includes perfs and casing volume. 107.5 bbls slurry.

Class G cement + .8% B14 fluid loss + .1%

B71 retarder + .2% D65 dispersant + .2% D46 anti foamer.

- 10)Circulate 200 bbls 1% w/132 inhibitor fluid.
- 11) Pump 50 sxs cement on top of retainer, displace tubing, leaving 250' slurry in tbg.

  TOH w/tubing 300' if wet
  - a) 50 sxs cement from 7100' 6850' (250' plug) Cement system for 50 sx plugs - Class G cement + .1% B71 retarder on the first plug +.2% D65 on the first plug + 2% S1 CaCl2 on the top plug. No additives will be set in the second plug.
- 12) TOOH to 1553.
- 13) Pump 50 sxs cement (class G), Spot 250' plug with water.

50 sxs cement from 1553' - 1303' (250' plug)

- 14)Cut well head off
- 15) TIH w/1" setting final cement plug by pumping 50 sxs cement from 254' 4', displace

TOH with 1" tubing.

50 sxs cement from 254' - 4' (250' plug)

- 16) Fill any annular void with cement
- 18) Weld on dry hole marker and cap.
- 17) RDMO service rig

Plug and Abandon Procedure Champlin 372B-1 NW Sec 35, T4N, R7E 1133.2' FNL and 1179.4' FWL Summit County, Utah 43.043.20108

- 1)Test anchors, if needed put new ones in
- 2) MIRU service rig
- 3) Kill well if necessary, fill tbg and csg
- 4)ND tree, NU BOPS or hydrill, (check well head size)
- 5) Unset packer, packer at 7053', R-3, TOOH 1 jt 2 7/8 tbg
- 6) Leave packer 7022 (NOTE: Tight spot 5160, R-3 will not come through.
- 7)Rig up E-line and run in w/jet cutter, cut at 5134' (set down at 5156') Leave R-3 and 1888' 2 7/8 tbg on bottom.
- HOOT(8
- 9)TIH with cement retainer, setting tool, and stinger and set at 5026'.
- 10) Pump cement down tubing to squeeze off perfs, if no pressure, sting out with 2 bbls of slurry left in tbg. Reverse out.

Cement volume for squeeze is figured using 1/8 Bbl per perfed foot plus the casing volume. Total volume for the squeeze will be 525 sxs includes perfs and casing volume. 107.5 bbls slurry.

Class G cement + .8% B14 fluid loss + .1%

B71 retarder + .2% D65 dispersant + .2% D46 anti foamer.

- 10) Circulate 200 bbls 1% w/132 inhibitor fluid.
- 11) Pump 50 sxs cement on top of retainer, displace tubing, leaving 250' slurry in tbg.

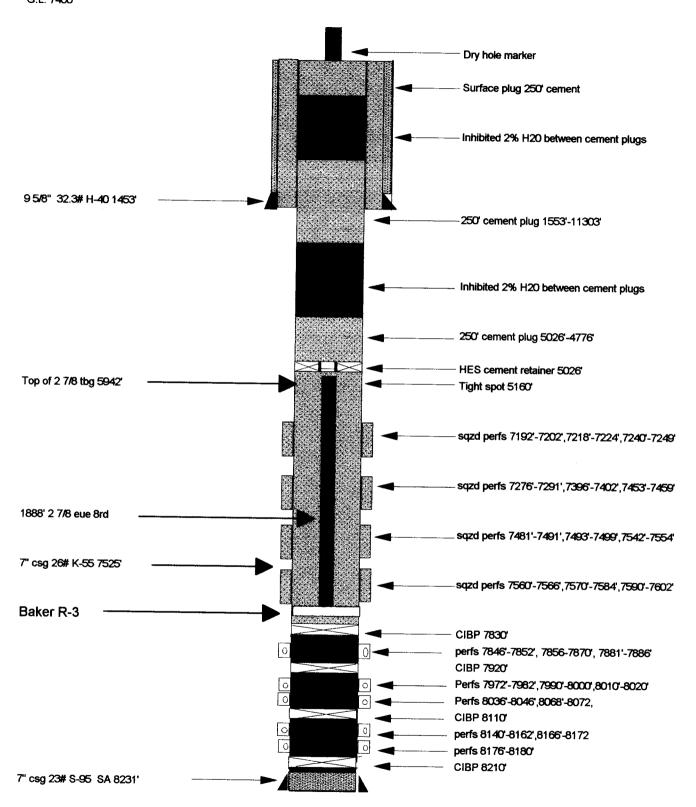
  TOH w/tubing 300' if wet
  - a) 50 sxs cement from 7100' 6850' (250' plug)
    Cement system for 50 sx plugs Class G cement + .1% B71 retarder on the first plug +.2% D65 on the first plug + 2% S1 CaCl2 on the top plug. No additives will be set in the second plug.
- 12) TOOH to 1553.
- 13) Pump 50 sxs cement (class G), Spot 250' plug with water. 50 sxs cement from 1553' 1303' (250' plug)
- 14)Cut well head off
- 15) TIH w/1" setting final cement plug by pumping 50 sxs cement from 254' 4', displace TOH with 1" tubing.

50 sxs cement from 254' - 4' (250' plug)

- 16) Fill any annular void with cement
- 18) Weld on dry hole marker and cap.
- 17) RDMO service rig

K.B. 7421' G.L. 7400'

10/21/97



Fота 9	NG	5. Lease Designation and Serial Number: <b>Fee</b>	
	DIVISION OF OIL, GAS AND MINII		6. If Indian, Allottee or Tribe Name:
SUNDI	RY NOTICES AND REPORTS ON	WELLS	·
	to drill new wells, deepen existing wells, or to red FOR PERMIT TO DRILL OR DEEPEN for		7. Unit Agreement Name:
			8. Well Name and Number:
1. Type of Well: OIL	GAS 🔀 OTHER 🗌		Champlin 372 Amoco "B"#1
2. Name of Operator: Amoco Production Co			9. API Well Number
Amoco Production G	ompany		43-043-30108
3. Address and Telephone Num	nber:		10. Field and Pool, or Wildcat:
P. O. Box 800, Denve	r CO 80201, Suite 812B	303-830-4781	Anschutz Ranch
4. Location of Well Footages: 1133.2' FNL x 1179.4'	FWL	County: <b>Summit</b>	
QQ, Sec., T.,R.,M.: <b>Sec. 35-T4N-R7E</b>		State: <b>Utah</b>	
11. CHECK APPRO	OPRIATE BOXES TO INDICATE N	ATURE OF NOTICE, REP	ORT, OR OTHER DATA
	CE OF INTENT mit in Duplicate)		QUENT REPORT Original Form Only)
vertical depths for all markers and zone The above well was Plugged a	TED OPERATIONS (Clearly state all pertinent details, an	* Must be accompanied by a cement verifical give pertinent dates. If well is directionally use attached procedures and well	cation report.  drilled, give subsurface locations and measured and true
13. Signature:	Mutine Title: Regul	atory Agent	Date: 02/25/98
(This space for State use only)	)		

Plug and Abandon Procedure Champlin 372B-1 NW Sec 35, T4N, R7E 1133.2' FNL and 1179.4' FWL Summit County, Utah

1)Test anchors, if needed put new ones in

2) MIRU service rig

3) Kill well if necessary, fill tbg and csg

4)ND tree, NU BOPS or hydrill, (check well head size)

5) Unset packer, packer at 7053', R-3, TOOH 1 jt 2 7/8 tbg

6)Leave packer 7022 (NOTE: Tight spot 5160, R-3 will not come through.

7)Rig up E-line and run in w/jet cutter, cut at 5134' (set down at 5156') Leave R-3 and 1888' 2 7/8 tbg on bottom.

HOOT(8

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Class G cement + .8% B14 fluid loss + .1%

B71 retarder + .2% D65 dispersant + .2% D46 anti foamer.

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TOH w/tubing 300' if wet

a) 50 sxs cement from 7100' - 6850' (250' plug)

Cement system for 50 sx plugs - Class G cement + .1% B71 retarder on the first plug +.2% D65 on the first plug + 2% S1 CaCl2 on the top plug. No additives will be set in the second plug.

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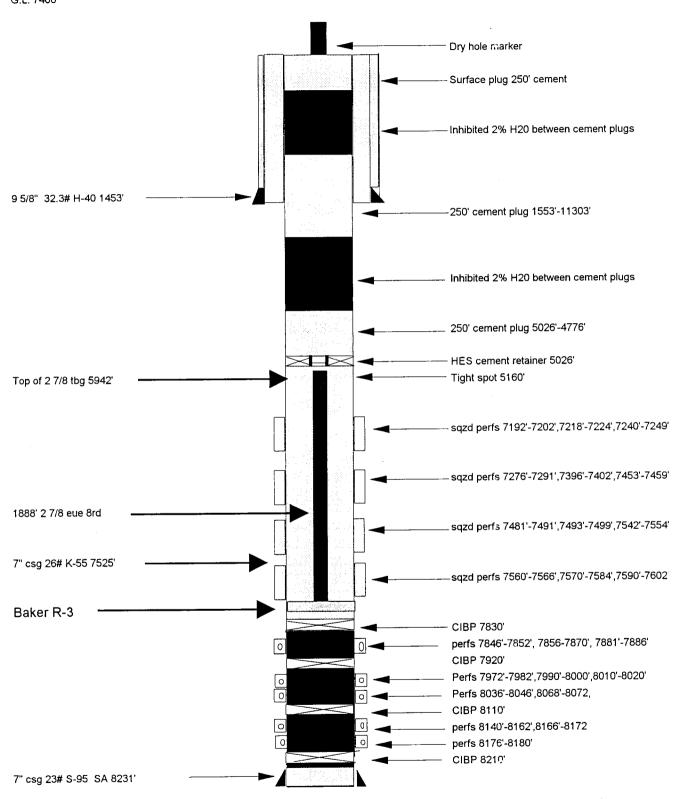
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- 17) RDMO service rig

K.B. 7421' G.L. 7400'



DOL: Date: 10/18/97 Report: Well Name: CHAMPLIN 372 B-1

10/18/97 End: **ABANDONMENT** Start: Event Name:

General Information

Block: Offshore: Location:

Slot: USA Country:

Spud Date: 10/18/97 UTAH State/Prov: OTHER Well Type: SUMMIT County:

Well Status: Field: ANSCHUTZ RANCH

**Summary Information** 

M. OLSON Final Report: N Supervisor: Daily Cost: 6.160

C. KNIGHT Engineer: Cum. Cost: 6,160

Pool: AFE #: 1234567 45,000 Zone: AFE Cost: Interval:

**Daily Fluids** 

Oil in Surface Tanks: Daily Oil Hauled On: Cum:

H2O in Surface Tanks: Daily H2O Hauled On: Cum: Other in Surface Tanks: Cum: Daily Other Hauled On: Oil Remaining to Recover: Cum: Daily Oil Hauled Off: H2O Remaining to Recover: Cum: Daily H2O Hauled Off:

Other Remaining to Recover: Daily Other Hauled Off: Cum:

Cum: Non Recoverable Annular Oil: Non Recoverable Annular H2O: Cum: Cum:

**Safety Information** 

Loss Control Incident: Daily Inspection:

Weather Conditions: BOP Drill: Safety Meeting:

(in) Grade: Last Casing Size:

(lb/ft) LOT EMW: (ppg) Last Casing Weight:

Set Depth: (ft)

Non Recoverable Annular Other:

Gov't Inspection:

#### Operations Summary Subcode | Code 2 | Phase Description Code From To Hours WK REP SAFETY MEETING HELD, CHECK PRESSURES, SITP = 200 PSI, P 0.50 SAFETY 07:00 07:30 SICP= 0 PSI. WK\_REP MIRU RIG AND EQUIPMENT, ATTEMPT TO BLOW DN WELL TO PIT, 07:30 10:30 3.00 RI RU PUMP AND KILL WELL W/ 50 BBLS INHIBITED FLUID DN TBG, ND SWEEP AND WELLHEAD, NU BOPE'S, RU HANDLING TOOLS. WK\_REP RELEASE BAKER R-3 PKR @ 7053', LAY DN HANGER JT, START TOH Р 10:30 12:30 2.00 TOH W/ 2 7/8 J-55 TBG, TOH W/59JTS, COULD NOT PULL PKR PAST

Well Name: CHAMPLIN 372 B-1
Event Name: ABANDONMENT

Date: 10/18/97 Report:

Start: 10/18/97 End:

DOL:

### Operations Summary

From	To	Hours	Code	Subcode	Code 2	Phase	Description
10:30 12:30	12:30 14:00		TOH TIH			WK_REP	TIGHT SPOT @5160' PULLING TO 80% OF TBG AT 80,000#.  CALLS MADE AND DECISIONS MADE TO RUN BACK IN HOLE W/PKR TO MAKE SURE PKR IS FREE AND WAIT FOR ENGINEERS AND STATE APPROVAL FOR POSSIBLE CHANGES OF P&A PROCEDURE, TIH W/4 STDS AND COULD NOT GO ANY DEEPER W/PKR(PKR SET), DECISION MADE TO SHUT DN UNTIL MONDAY FOR CHANGE IN P&A AND APPROVAL, SECURE WELL.

Current Status: WELL NO FLOWING

24hr Summary: MIRU RIG AND EQUIPMENT, NU BOPE'S AND RELEASE PKR.

24hr Forecast: SET CEMENT RETAINER.

DOL: 1.00 Well Name: CHAMPLIN 372 B-1 Date: 10/19/97 Report: 2

**Event Name: ABANDONMENT** Start: 10/18/97 End:

**General Information** 

Location:

Country:

USA

UTAH

State/Prov: County: SUMMIT

**ANSCHUTZ RANCH** 

Offshore:

10/18/97

Spud Date: **OTHER** 

Well Type: Well Status:

**Summary Information** 

Daily Cost: Cum. Cost:

AFE #:

AFE Cost:

Field:

6,160

1234567 45,000

Supervisor: Engineer:

M. OLSON

C. KNIGHT

Pool: Zone:

Interval:

Daily Fluids

Daily Oil Hauled On:

Daily H2O Hauled On: Daily Other Hauled On: Daily Oil Hauled Off:

Daily H2O Hauled Off: Daily Other Hauled Off:

Non Recoverable Annular Oil: Non Recoverable Annular H2O:

Non Recoverable Annular Other:

Cum:

Cum: Cum: Cum: Cum:

Cum:

Cum: Cum: Cum: Oil in Surface Tanks: H2O in Surface Tanks:

Other in Surface Tanks: Oil Remaining to Recover: H2O Remaining to Recover: Other Remaining to Recover:

Block:

Final Report: N

Slot:

#### Safety Information

Weather Conditions:

Daily Inspection:

Loss Control Incident:

BOP Drill:

Safety Meeting:

Gov't Inspection:

Last Casing Size: Last Casing Weight:

(in) (lb/ft)

(ft)

Grade:

LOT EMW:

(ppg)

Set Depth:

**Operations Summary** 

From	То	Hours	Code	Subcode	Code 2	Phase	Description
00:00	00:00		SHUTIN		Р	WK_REP	SHUT DN FOR CHANGE IN P&A AND APPROVAL

Current Status:

24hr Summary: SHUT DN FOR APPROVAL

24hr Forecast:

Block:

Slot:

Oil in Surface Tanks:

H2O in Surface Tanks:

Other in Surface Tanks:

Oil Remaining to Recover:

H2O Remaining to Recover:

Other Remaining to Recover:

Final Report: N

### **Daily Completion Workover Report**

DOL: 2.00 Report: Date: 10/20/97 Well Name: CHAMPLIN 372 B-1

Start: 10/18/97 End: Event Name: ABANDONMENT

**General Information** 

Location: Country:

Field:

USA

**UTAH** 

State/Prov: County: SUMMIT

ANSCHUTZ RANCH

Offshore:

Spud Date:

Well Type:

10/18/97 **OTHER** 

Well Status:

**Summary Information** 

Daily Cost: Cum. Cost:

AFE Cost:

AFE #:

3.850

10.010

1234567

45,000

Supervisor: Engineer:

D. NORRIS

C. KNIGHT

Pool: Zone:

Interval:

**Daily Fluids** 

Daily Oil Hauled On:

Daily H2O Hauled On:

Daily Other Hauled On:

Daily Oil Hauled Off:

Daily H2O Hauled Off:

Daily Other Hauled Off:

Non Recoverable Annular Oil:

Non Recoverable Annular H2O:

Non Recoverable Annular Other:

Cum:

Cum:

Cum:

Cum:

Cum: Cum:

Cum:

Cum:

Cum:

Safety Information

Daily Inspection:

BOP Drill:

Loss Control Incident: Weather Conditions:

Safety Meeting:

Gov't Inspection:

Last Casing Size:

Set Depth:

(in)

Grade:

Last Casing Weight:

(lb/ft) (ft)

LOT EMW:

(ppg)

Operations Summary

Hours Code Subcode Code 2 Phase Description From То WK\_REP SAFETY MEETING HELD, CHECK PRESSURES, SITP = 190 PSI, Р 07:00 07:30 0.50 SHUTIN SICP= 190 PSI. WK\_REP PUMP 20 BBLS. START TOOH W/8JTS, COULD NOT PULL PKR PAST Р 07:30 09:30 2.00 TOH TIGHT SPOT @5160' PULLING TO 80% OF TBG AT 80,000#. WORK TBG. COULD NOT GET PAST 5160. TIH 7022. CHECK 9 5/8 FOR **PRESSURE** WK\_REP WOO, 4.50 WAIT 09:30 14:00

Page 2 of 2

## Daily Completion Workover Report

Well Name: CHAMPLIN 372 B-1 Date: 10/20/97 Report: 3 DOL: 2.00

Event Name: ABANDONMENT Start: 10/18/97 End:

Current Status: Attempt to pull R-3 24hr Summary: Attempt to pull R-3 24hr Forecast: Cut tbg, TOOH

Well Name:

CHAMPLIN 372 B-1

Report:

DOL: 3.00

Event Name: ABANDONMENT

10/18/97 Start:

10/21/97

End:

**General Information** 

Location: Country:

USA

Offshore:

Ν

Block:

Slot:

State/Prov:

UTAH

SUMMIT

Spud Date: Well Type:

10/18/97 OTHER

County: Field:

ANSCHUTZ RANCH

Well Status:

**Summary Information** 

Daily Cost:

2,946

Supervisor:

D. NORRIS

Final Report: N

Cum. Cost:

12,956

Engineer:

C. KNIGHT

AFE #: AFE Cost: 1234567 45,000

Pool: Zone:

Cum:

Cum:

Cum:

Cum:

Cum:

Cum:

Cum:

Cum: Cum:

Interval:

**Daily Fluids** 

Daily Oil Hauled On:

Daily H2O Hauled On:

Daily Other Hauled On:

Daily Oil Hauled Off:

Daily H2O Hauled Off:

Daily Other Hauled Off:

Non Recoverable Annular Oil: Non Recoverable Annular H2O:

Non Recoverable Annular Other:

Oil in Surface Tanks:

H2O in Surface Tanks:

Other in Surface Tanks: Oil Remaining to Recover:

H2O Remaining to Recover:

Other Remaining to Recover:

#### Safety Information

Daily Inspection:

Loss Control Incident:

BOP Drill:

Safety Meeting:

Last Casing Size:

Weather Conditions:

Gov't Inspection:

(in) (lb/ft) Grade:

LOT EMW:

(ppg)

Last Casing Weight: Set Depth:

(ft)

**Operations Summary** 

From	То	Hours	Code	Subcode	Code 2	Phase	Description
07:00	07:30		SHUTIN		Р	WK_REP	SAFETY MEETING HELD
07:30	09:30	2.00	CUT		Р	WK_REP	Rig up E-line, GIH w/jet cutter and set down at 5156. Pull up and cut tbg
*****							at 5134. POOH
09:30	11:30	2.00	тон		Р	WK_REP	тоон
11:30	12:30	1.00			P	WK_REP	Make up Haliburton cement retainer and setting tool.
12:30	15:00	2.50	TIH		Р	WK_REP	TIH w/retainer and set at 5026. Fill well with 150 bbls of KCL water.
						, i	Pressure test 400 psi. SWIFN

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Well Name: CHAMPLIN 372 B-1 Date: 10/21/97 Report: 4 DOL: 3.00

Event Name: ABANDONMENT Start: 10/18/97 End:

Current Status: Set retainer

24hr Summary: Cut tbg off, TOOH, TIH, set retainer

24hr Forecast: Cement well

Block: Slot:

Final Report: N

## **Daily Completion Workover Report**

10/22/97 DOL: 4.00 CHAMPLIN 372 B-1 Report: Well Name:

Event Name: ABANDONMENT Start: 10/18/97 End:

General Information

Location:

USA

Country:

State/Prov: UTAH County:

Field:

AFE #:

AFE Cost:

SUMMIT

ANSCHUTZ RANCH

Offshore:

Spud Date:

10/18/97 OTHER

Well Type: Well Status:

Summary Information

Daily Cost: 12,914 Cum. Cost: 25.870

1234567 45,000

Supervisor: Engineer:

Pool:

D. NORRIS

C. KNIGHT

Zone: Interval:

**Daily Fluids** 

Daily Oil Hauled On: (bbl) Cum: (bbl) Oil in Surface Tanks: (bbl) H2O in Surface Tanks: (bbl) Daily H2O Hauled On: (bbl) Cum: (bbl) (bbl) Other in Surface Tanks: Daily Other Hauled On: (bbl) Cum: (bbl) (bbi) Daily Oil Hauled Off: (bbl) Cum: (bbl) Oil Remaining to Recover: H2O Remaining to Recover: (bbl) Daily H2O Hauled Off: (bbl) Cum: (bbl) Daily Other Hauled Off: (bbl) Cum: (bbl) Other Remaining to Recover: (bbl)

Cum: Non Recoverable Annular Oil: (bbl) (bbl) Non Recoverable Annular H2O: Cum: (bbl) (bbl) Non Recoverable Annular Other: Cum: (bbl) (bbl)

Safety Information

Daily Inspection:

Loss Control Incident: Weather Conditions:

BOP Drill:

Set Depth:

Safety Meeting:

Gov't Inspection:

Last Casing Size:

(in)

Grade:

Last Casing Weight:

(lb/ft) (ft)

LOT EMW:

(ppg)

**Operations Summary** 

Description Code 2 Phase From То Hours Code Subcode 07:00 07:30 Р WK\_REP Hold tailgate safety meeting 0.50 SAFETY Р WK\_REP Rig up Halliburton 07:30 09:00 1.50 09:00 09:20 0.33 SAFETY WK\_REP Hold tailgate safety meeting WK REP Pressure test 3000. Pressure up csg 200 psi. pump 5 bbls fresh water, 09:20 10:23 1.05 CMTSQZ pump 525 sxs class G cement (107.5 bbls slurry). Pump 27 bbls fresh water for displacement, leaving 2 bbls in tbg. Sting out, pull 1 jt. Reverse out. Pump 200 bbls of inhibitor fluid (132).

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Well Name:

CHAMPLIN 372 B-1

Date: 10/22/9

Report: 5

End:

DOL: 4.00

Event Name: ABANDONMENT

Start: 10/18/97

### Operations Summary

From	To	Hours	Code	Subcode	Code 2	Phase	Description
10:23	11:39	1.27			Р	WK_REP	Pull 1 jt. Reverse out. Pump 200 bbls of inhibitor fluid (132). Pump 45 sxs
							class G cement, spoting 220' plug above retainer.
11:39	13:00	1.35	тон		Р	WK_REP	TOOH w/109 jts 2 7/8 tbg to 1553.
13:00	14:00	1.00	CMTPLG		Р	WK_REP	Spot 250' cement plug from 1553 to 1303.
14:00	15:00	1.00	тон		Р	WK_REP	TOOH with w/50 jts 2 7/8 tbg.
15:00	16:30	1.50	NDBOP		Р	WK_REP	ND BOPS and cut well off.
16:30	17:30	1.00	CMTPLG		Р	WK_REP	Run in hole with 250' of 1" and spot 250' plug. Pull 1"
17:30	18:30	1.00			Р	WK_REP	Weld on dry hole marker.

Current Status: P and A well

24hr Summary: Pump cement, cut well head off

24hr Forecast: Rig down